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RTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE FORM PTO-1390 (REV 12-29-99) 2523US0P TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) U.S. APPLICATION NO. (If known, see 37 CFR 1.5) CONCERNING A FILING UNDER 35 U.S.C. 371 INTERNATIONAL APPLICATION NO. INTERNATIONAL FILING DATE PRIORITY DATE PCT/JP99/02650 May 20, 1999 May 21, 1998 TITLE OF INVENTION ANTIBODY AND USE THEREOF APPLICANT(S) FOR DO/EO/US Hirokazu MATSUMOTO et al. Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information: This is a FIRST submission of items concerning a filing under 35 U.S.C. 371. This is a SECOND or SUBSEQUENT submission of items concerning a filing under 35 U.S.C. 371. This express request to begin national examination procedures (35 U.S.C. 371(f)) at any time rather than delay examination until the expiration of the applicable time limit set in 35 U.S.C. 371(b) and PCT Articles 22 and 39(1). A proper Demand for International Preliminary Examination was made by the 19th month from the earliest claimed priority date. 5. X copy of the International Application as filed (35 U.S.C. 371(c)(2)) is transmitted herewith (required only if not transmitted by the International Bureau). has been transmitted by the International Bureau. is not required, as the application was filed in the United States Receiving Office (RO/US). A translation of the International Application into English (35 U.S.C. 371(c)(2)). * Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)) are transmitted herewith (required only if not transmitted by the International Bureau). have been transmitted by the International Bureau. have not been made; however, the time limit for making such amendments has NOT expired. have not been made and will not be made. A translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)). An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)). (Unexecuted Declaration) FUO. A translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)). Items 11. to 16. below concern document(s) or information included: An Information Disclosure Statement under 37 CFR 1.97 and 1.98. An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included. A FIRST preliminary amendment. A SECOND or SUBSEQUENT preliminary amendment. A substitute specification. A change of power of attorney and/or address letter. Other items or information: 1) Sequence Listing (Paper & Computer-readable copies) 2) Sequence Listing Statement * This includes specification 79 total pages, including Claims 1-9(1 pg), Abstract (1 pg), Drawings (11 pgs) and Sequence Listing (6 pgs). Express par EL7 83844412

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U.S. APPLICATION NO. (if known, see 37 CFR 1.5) INTERNATIONAL APPLICATION NO. PCT/JP99/02650						ATTORNEY'S DOCKET NUMBER 2523USOP		
17. X The follow	owing feet are s		1 0 1/01 00/02000		С	ALCULATIONS	PTO USE ONLY	
The following fees are submitted: BASIC NATIONAL FEE (37 CFR 1.492 (a) (1) - (5)):								
Neither interna	Neither international preliminary examination fee (37 CFR 1.482)							
nor internation	nal search fee (3	0		ļ				
	and International Search Report not prepared by the EPO or JPO							
USPTO but In	iternational Searc	0	•					
International preliminary examination fee (37 CFR 1.482) not paid to USPTO but international search fee (37 CFR 1.445(a)(2)) paid to USPTO\$690.00								
International preliminary examination fee paid to USPTO (37 CFR 1.482) but all claims did not satisfy provisions of PCT Article 33(1)-(4)								
International preliminary examination fee paid to USPTO (37 CFR 1.482) and all claims satisfied provisions of PCT Article 33(1)-(4)								
ENTER APPROPRIATE BASIC FEE AMOUNT =						860.00		
Surcharge of \$130.00 for furnishing the oath or declaration later than 20 months from the earliest claimed priority date (37 CFR 1.492(e)).					\$			
CLAIMS	NUMBER F	ILED	NUMBER EXTRA	RATE				
Total claims	9	- 20 =	0	X \$18.00	s	0.00		
Independent claims	2	- 3 =	0	X \$ 80.00	<u>\$</u>		<u> </u>	
MULTIPLE DEPE				+ \$260.00	\$	0.00		
-			OF ABOVE CALCULA		<u> </u>	860.00		
Reduction of 1/2 for filing by small entity, if applicable. A Small Entity Statement auust also by filed (Note 37 CFR 1.9, 1.27, 1.28).								
វភិ			SUB'	TOTAL :	= \$	660.00		
Frocessing fee of	Processing fee of \$130.00 for furnishing the English translation later than 20 30 \$ injoinths from the earliest claimed priority date (37 CFR 1.492(f)).							
E		p			= s	860.00		
TOTAL NATIONAL FEE = \$ 860.00 Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property								
960.00								
					A	mount to be	\$	
\$.±						refunded:	s	
cnarged:								
a. A check in the amount of \$ to cover the above fees is enclosed.								
b. X Please charge my Deposit Account No. 500799 in the amount of \$ 860.00 to cover the above fees. A duplicate copy of this sheet is enclosed.								
c. X The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No A duplicate copy of this sheet is enclosed.								
NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.								
SEND ALL CORRESPONDENCE TO:								
Customer No. 23,115 SIGNAT						- 1 /-		
					nilippe Y. Riesen			
NAME				 E				
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	Date: November 13, 2000						2000	

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torney Docket No. 2523 USOP

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants:	Hirokazu MATSUMOTO et al.)			
Serial No.:	to be assigned)			
Filed:	November 16, 2000) Art Unit: to be assigned)			
Title:	Antibody and Use Thereof) Examiner: to be assigned			

CERTIFICATE OF EXPRESS MAILING under 37 C.F.R. §1.10

Express Mail Label No.

EL 29394447502

Deposited on

November 16, 2000

The undersigned certifies that the following attached documents:

- 1. PTO Return Receipt Postcard
- 2. Transmittal Letter for filing under 37 CFR 371 (2 pages X = 4 pages) with authorization to charge deposit account for filing fees
- 3. Copy of International Application PCT/JP99/02650 as filed 20 MAY 1999 including Description, Claims, and Abstract (62 pages), Sequence Listing (6 pages) and Figures 1-14 (11 pages) (79 pages total)
- 4. Un-executed Declaration and Power of Attorney (4 pages)
- 5. Submission of Sequence Listing CRF and printout (5 pages)
- 6. 3.5" IBM-PC Disk with CRF of sequence listing
- 7. First Preliminary Amendment (1 page)
- 8. Copy of the IPER for PCT/JP99/02650 (4 pages)
- 9. Copy of International Search Report for PCT/JP99/02650 (1pages)
- 10. Information Disclosure Statement (2 pages)
- 11. Form PTO-1449 modified (1 page)
- 12. Copies of Cited References (3 references)

are together being deposited with an USPS Employee for delivery by the USPS "Express Mail Post Office to Addressee" service in an envelope with sufficient postage addressed to: BOX PCT, Commissioner for Patents, Washington, D.C. 20231, under the Express Mail Label Manber and the date-in indicated above. Mov 16, 2000 Date

Mark Chao, Reg. No. 37,293